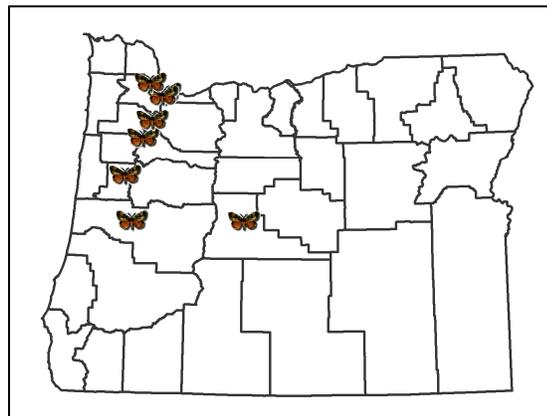
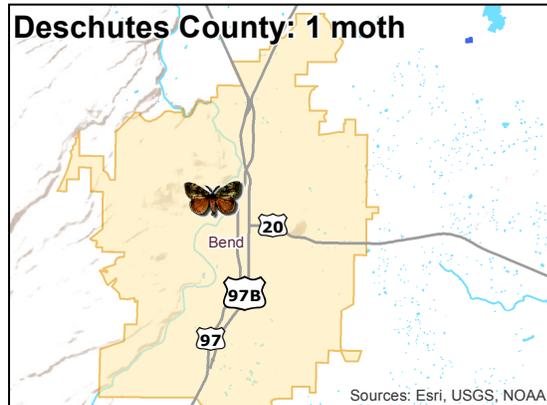
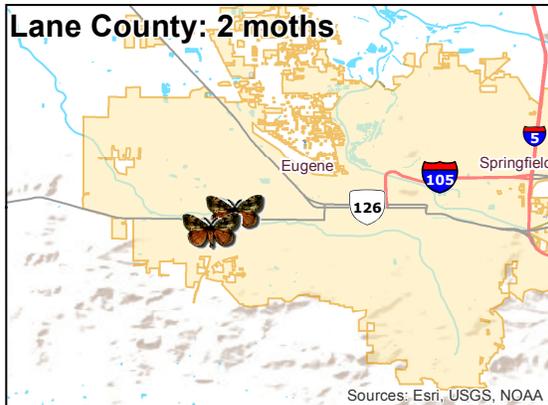
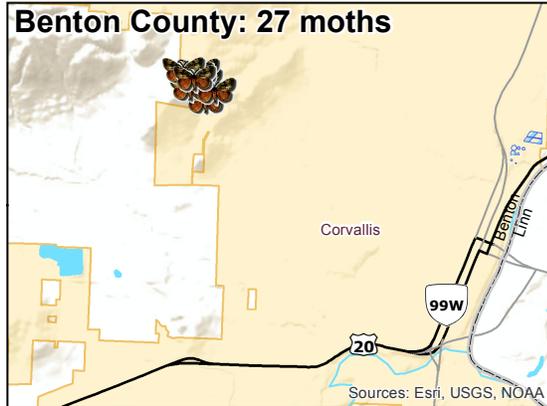
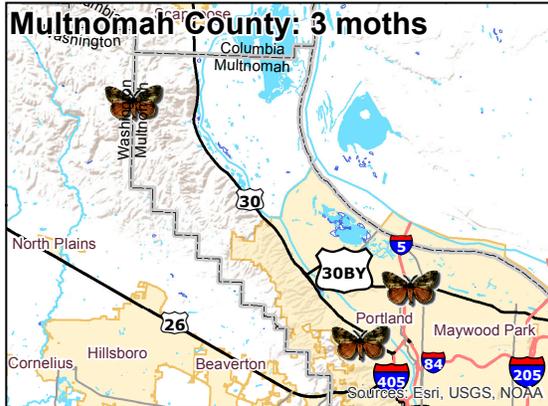


Gypsy Moth in Oregon – 2018 –

2018 Oregon Gypsy Moth Detections Thirty-five Confirmed Gypsy Moths as of October 23rd



GMStatusMap_bx11_2018.mxd
Prepared by: KAS
Oregon Lambert Projection NAD 83
Data Source: Esri, Oregon Geospatial
Data Clearinghouse, ODA, COOT,
USGS, DEQ
October 23, 2018

This product is for informational purposes
and may not have been prepared for, or be
suitable for, legal, engineering, or surveying
purposes. Users of this information should
review or consult the primary data and
information sources to ascertain the usability
of the information.

Gypsy Moth Detection and Eradication Programs in Oregon - 2018

Chris Hedstrom, Diana Kearns, and Helmuth Rogg
Oregon Department of Agriculture
635 Capitol St. NE, Salem, OR 97301
503-986-4636 or 800-525-0137

Oregon Department of Agriculture (ODA) routinely conducts extensive survey programs for gypsy moth (GM, *Lymantria dispar dispar*) and its Asian strain (Asian gypsy moth, AGM, *Lymantria dispar asiatica*). Both moths can be detected with the same trap and lure. Survey traps are placed at a density of 1-4 traps per square mile. A GM detection in any area results in delimitation trapping for the following two years—Year 1: 49 traps/mi² for square mile surrounding the detection and 25 traps/mi² for outer 4 square miles; Year 2: 25 traps / mi² for the center area and 16 traps/mi² for the surrounding 4 square miles.

2016 Delimitation Results:

- Lane County: Two GM were detected in Lane Co. in 2016. Delimitation trapping in 2017 and 2018 did not detect any moths at this site, and is now completed.
- Josephine County: 4 GM were detected in Josephine Co. in 2016. These were detected in the delimitation areas from 2013, 2014, and 2015. Delimitation trapping in 2017 and 2018 did not detect any moths at this site, and is now completed.
- Multnomah County: Delimitation trapping for 2 AGM detected in 2015 did not detect additional AGM moths in 2016, 2017, or 2018 and is now completed. The eradication program conducted in 2016 is considered successful.

2017 Delimitation Results:

- Benton County: 5 GM were newly detected at 2 nearby sites in Benton County in 2017. Delimitation and add-on traps placed in 2018 detected 27 GM. An eradication program is being planned for 2019 and is currently in early planning stages. Early egg mass searches in August did not detect any. This site consists of two apartment complexes occupied by university students, some likely from infested states. The actual introductory pathway is unknown and may be impossible to determine, as this is the second year of detection in an area of generally temporary residents (e.g. college students).

- Lane County: 2 GM were newly detected SE of Eugene in 2017. Delimitation in 2018 did not detect GM at this site. A second year of delimitation will continue at this site in 2019.
- Josephine County: 1 GM was detected in Josephine County SE of Cave Junction in 2017. Delimitation trapping in 2018 did not detect any GM at this site. A second year of delimitation will continue at this site in 2019.
- Multnomah County: 3 GM were detected in Multnomah County in Portland in 2017. Delimitation trapping in 2018 did not detect any GM at these sites in 2018, however a detection did occur in close proximity (2.23 mi/3.59 km) to the overlapping delimitation areas (see below). A second year of delimitation will continue at these sites in 2019.

2018 Detection Survey Results (New Detections):

- 2018 Statewide survey: ODA placed approximately 10,899 AGM and 5,080 GM traps (total 15,979 traps) throughout Oregon in 2018. Thirty-one out of 36 counties were trapped for GM and AGM. In addition, USDA APHIS placed 81 AGM traps in high risk areas near the Port of Portland.
- Deschutes County: 1 GM was detected in Deschutes County in Bend in 2018. Delimitation trapping will begin in 2019. The source is currently unknown.
- Lane County: 2 GM were found at 2 sites approximately 1 km apart in west Eugene. Delimitation trapping will begin in this area in 2019. The source is currently unknown. These sites are outside of the delimitation area for GM detected in Lane County in 2017.
- Marion County: 2 GM were detected at 2 new sites in Marion County in 2018; 1 GM in Champoeg State Park and 1 GM in Keizer in a residential area. Delimitation trapping will begin at these sites in 2019. The sources are currently unknown.
- Multnomah County: 3 GM were detected at 3 new sites in Multnomah County in 2018; 1 in North Portland (Piedmont Neighborhood), 1 in NW Portland (industrial area; close to 2017 GM delimitation area), 1 in Dixie Mountain/Scappoose Area. Delimitation trapping will begin at these sites in 2019. The sources of these GM are currently unknown.